

new Letter



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FIFTIETH ANNIVERSARY OF POWERED FLIGHT

Dec. 17, 1903—Dec. 17, 1953

Calendar History

April 30, 1917—During the month Maj. William Mitchell flew over the enemy lines, the first American Officer to do so.
April 6, 1924—6 April—28 September. The first round-the-world air tour, first trans-Pacific flight and first west-bound Atlantic crossing were made by Air Service Officers from Seattle, a distance of 26,345 miles was travelled in 363 hours flying time with an elapsed time of 15 days. The Collier Trophy and DSM awards were made to Capt. L. H. Smith and Lis. L. Wade, L. P. Arnold, E. H. Nelson, J. Harding and H. H. Ogden.

April 16, 1926—First cotton dusting plane was purchased by the Department of Agriculture.

April 6, 1927—First pilot license issued by Department of Commerce to William Patterson MacCracken, Jr.

April 2, 1932. The Air Reserve Association of the United States was formally organized and first meeting held in Chicago, Illinois.

April 15, 1941. First officially recorded rotor helicopter flight in western hemisphere, Vought-Sikorsky piloted by Igor Sikorsky, flying time, 1 hr. 5 minutes and 14.5 seconds at Stratford, Conn.

MONTANA AVIATION HISTORY

The Montana Aeronautics Commission has initiated a project for the compilation of a state aviation history. This history will include a record of pictures and aviation events and incidents.

A request was made in a recent NEWSLETTER publication for information on who may have owned the first airplane in Montana. The commission already has received pictures of early day airplanes flown in Montana from several sources showing that early day airplane flights took place as early as 1911 in Missoula, Helena and Great Falls. If you know of anyone having material on early aviation in Montana please submit the information or copies of documents and pictures to the office of the Montana Aeronautics Commission. Material submitted will be copied and returned if requested.

It is an unavoidable fact that the persons who have seen early day aviation events are rapidly diminishing in number. Immediate steps must be taken to preserve a record of aviation in Montana before this information is lost forever.

Check your newspaper files and ask old timers in your community about early day flying events. Borrow pictures and news clippings. Send us the names of persons who may be interviewed. This is part of the 50th anniversary of flight program.

MONTANA AVIATION FILM AVAILABLE

The Montana film "Montana and the Sky" is available for showing by Service Clubs, Fraternal Groups, Schools and at Public Meetings. This is a Color and Sound Film on Montana Recreation, Aviation and Resources. The film is 18 minutes in length 16mm and may be procured at no cost for showing on request to the office of the Montana Aeronautics Commission.

CAA ISSUES OWNER'S GUIDE

A personal Aircraft Owner's Guide is available from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. Price is 15 cents.

Contents include owner responsibilities; maintenance; inspections, necessary documents, reports and CAA representatives. It is a valuable summary of pertinent information for those who are not particularly familiar with the procedure of acquiring and operating an aircraft.

AVIATION WORKSHOP FOR TEACHERS Show This To Teachers In Your High School and Grade Schools

The State University is giving six credits for a five weeks course on aviation education which will be held at the State University in Missoula starting July 20th to August 21st.

The Montana Aeronautics Commission, the State Department of Public Instruction and the State University have outlined an aviation education workshop for teachers which will include lectures and an intensive study of the impact of the air age on society and will include material for integrating aviation knowledge into existing subjects at both grade school and high school level. Field work will include tours of CAA communications stations and air traffic facilities, approved engine repair stations and flight operations with first hand observation of Forest Service Smoke Jumping operations. It is planned to supplement the course with first hand study of Air Force operations and lectures conducted by Air Force instructors. Both Air Force and Civil Air Patrol personnel will assist in this phase of the program. A large enrollment is expected.

This course is to be made a permanent part of the teacher training in Montana.

SHOW THIS TO TEACHERS IN YOUR HIGH SCHOOL AND GRADE SCHOOLS

NATIONAL RECOGNITION OF COMMISSION PICTURE

We were pleased to see in the national magazine Saturday Review for April 11th a comment on the Aeronautics Commission picture "Montana and the Sky", quoted as follows:

"To end on a familiar note, right here in our own United States, there is a remarkably attractive ten-minute film entitled "Montana and the Sky" (20 min., color) available from the Montana Aeronautics Commission, P. O. Box 1698, Helena, Montana. The various uses of small airplanes are given a quick but attentive run-through in a most commendable way. Private planes are filmed in their many uses—for vacation and business traveling, for medical services for herding sheep spraying wheat, fighting forest fires and many other aerial activities in the wide open spaces. It is a well-made film, with good commentary and exceptionally fine color photography. Produced by Film Originals and well worth seeing in your free time. Cecile Starr Saturday Review.

LOOK

"A SKYSCRAPER"—32 feet shorter than the EMPIRE STATE BUILDING tallest man-made structure in the world—at Forestport, 24.5 miles north of Ulica keeps pilots on the alert when they fly into the Ulica-Roma area in New York State.

THE FACILITY, under direct supervision of the Roma Air Development Center at nearby Griffis AFB Roma, provides needed electronic equipment for the Nation. An electrically-controlled elevator, used in maintenance and inspection, carries a 700-lb. load at 70 ft. per second. In compliance with Federal Communications Commission regulations, the tower is lighted at 120-foot intervals. Nevertheless pilots are urged by the Bureau of Aviation to acquaint themselves with the location of the tower—which tops the world. **BUT UNLIKE THE CHRYSLER BUILDING, IT IS DIFFICULT TO SEE**, especially in hazy weather.

A PILOT IN THE WHITEHOUSE

An Facts magazine reports that, President Eisenhower is a very fine light plane pilot. This information came from Bill Strohmeier who flew the Colonel during the Louisiana Maneuvers in 1941. President Eisenhower got his certificate on a Stinson while in the Philippines. It seems that our Pilot Eisenhower landed the plane for Bill on a small strip with a strong cross wind and did a smooth job. It is a good feeling to know that we have our first Pilot on top of Capitol Hill. Okla. Avn News.

NATIONAL ASSOCIATION OF STATE AVIATION OFFICIALS

PURPOSE:—"To foster aviation as an industry, as a mode of transportation for persons and property and as an arm of the national defense; to join with the Federal Government and other groups in research, development, and advancement of aviation; to develop uniform aviation laws and regulations; and to otherwise encourage co-operation and mutual aid among the several states."

BROADCASTS OF AVIATION WEATHER INFORMATION VIA MONTANA COMMERCIAL RADIO STATIONS April 1, 1953

As of April 1, 1953, broadcasts of weather information useful to aircraft operators were being made in Montana over several commercial radio stations. Details, including schedules, radio station call letters and frequencies, and material covered in each broadcast, appear in the following list, it is suggested that you post this in your airplane.

STATION	BROADCAST SCHEDULE	MATERIAL COVERED
KBYM Billings (1240 KC)	Monday through Friday, 6:45 am; 7:30 am; 12:25 pm; 6:30 pm; 11:00 pm. Saturday 6:45 am; 7:30 am; 11:55 am; 7:00 pm; 11:00 pm. Sunday 8:30 am, 7:00 pm; 11:00 pm.	General weather summary including several sentences devoted to flying weather in S. Montana and No. Wy- oming. East of Divide, or- iginates in Billings Weather Bureau office.
KOOK Billings (970 KC)	Monday through Saturday, 6:55 am; 7:45 am; 11:15 pm. Sunday 9:15 am; 11:15 pm.	Same as KBYM.
KGHL Billings (790 KC)	On regular 7:00-7:15 am newscast, read by KGHL announcer.	50-100 word summary, gen- eral weather.
KXLO Boreman (1450 KC)	Monday through Saturday, 7:55 am. Sunday 10:00 am. Monday through Friday, 11:12 pm.	General weather summary, several sentences on avia- tion weather for all of Montana (originates in Weather Bureau Airport Station, Gl. Falls).
KLF Butte (1370 KC)	Same as KXLO Boreman.	Same as KXLO Boreman.
KXLK Great Falls (1400 KC)	Same as KXLO Boreman.	Same as KXLO Boreman.
KFBB Great Falls (1310 KC)	Daily except Sundays at 6:25 am; 6:55 am; 7:40 am; 9:00 am; 9:55 am; 1:00 pm; 2:40 pm.	General (not aviation) fore- cast.
KMON Great Falls (560 KC)	Daily except Sundays, 6:15 am; 7:40 am.	General Summary and state forecasts.
KOJM Horse (610 KC)	Monday through Friday, 12:39 pm.	Flying weather for the small plane pilot included in general summary.
KXLI Helena (1240 KC)	Same as KXLO Boreman.	Originates in Gl. Falls. Weather Bureau Station. See KXLO Boreman.
KCAP Helena (1340 KC)	Daily including Sunday 6:32 am; 12:32 pm; 6:10 pm. Daily except Sunday 7:32 pm.	General weather summary and forecasts with refer- ence to aviation weather when appropriate.
KXLO Lewistown (1230 KC)	Monday-Saturday inclu- sive, 6:45 am; 7:45 am; 7:15 pm. Monday-Friday, 1:25 pm; 6:30 pm. Satu- day only 11:55 am.	Same as KBYM Billings.
KPRK Livingston (1240 KC)	Monday-Saturday inclu- sive, 6:45 am; 7:35 am; 11:00 pm. Monday-Friday 6:30 pm.	Same as KBYM Billings.
KRIT Miles City (1340 KC)	Monday-Saturday inclu- sive, 6:45 am; 11:00 pm. Monday-Friday 7:10 pm. Saturday only, 11:55 am.	Same as KBYM Billings.
KGOV Missoula (1290 KC)	Monday-Friday inclusive, 9:40 am. Monday-Saturday, 12-10 pm. Sunday only 12-25 pm.	General weather summary and forecasts, including information for small plane pilots.
KXLL Missoula (1450 KC)	Same as KXLO Boreman.	Same as KXLO Boreman.
KPOW Powell, Wyo. (1260 KC)	Monday-Saturday inclu- sive, 6:45 am; 7:45 am; 6:30 pm. Monday-Friday, 12-25 pm. Saturday only, 11-55 am.	Same as KBYM Billings.
KIYI Shady (1230 KC)	Monday-Saturday inclu- sive, 1:30 pm.	Same as KFBB Great Falls.
KWYO Sheridan, Wyo. (1410 KC)	Monday-Saturday inclu- sive, 6:45 am; 11:00 pm. Monday-Friday inclusive, 12-25 pm; 6:30 pm.	Same as KBYM Billings.

YOU CAN'T GET THERE FROM HERE

There is an old story concerning the man who asked how to get to the local court house, and after several conflicting directions was finally told, 'heck, you can't get there from here!' A humorous and improbable as the situation may have been to that man on the ground, the situation in which the pilot of an aircraft 'can't get there from here' can easily exist in the event of engine failure, and is humorless indeed . . . Minn. Dept. of Aero.

AGRICULTURAL REGISTRATIONS

All agricultural pilots and aircraft must be registered with the State of Wyoming prior to May 4, 1953. Contact your local operator or the Wyoming Aeronautics Commission for registration forms. No fee is required by the State. Wyo. Avn. Newsletter.

TRENDS AND FORECASTS (Manufacturing Military)

IF RFC GOES OUT OF BUSINESS in June, 1954 the Hughes HK-1 flying boat may be offered for sale. RFC, which holds title to the plywood craft, has about \$17 million invested. Hughes about \$20 million more. Am. Av. Daily

NOTES FROM THE C. A. A.

We wish to advise every one concerned that Airline Transport Pilot certificates showing horsepower ratings will expire May 1, 1953. Private and Commercial certificates will not expire, but unless they also bear type (make and model) ratings, multi-engine ratings will not be valid after May 1, 1953 for the operation of aircraft exceeding 12,500 pounds.

Holders of Private, Commercial and Airline Transport Pilot certificates in the above categories may exchange their certificates for ones bearing type ratings by making application to CAA Aviation Safety Agent before May 1, 1953, and presenting acceptable evidence of at least 10 hours of pilot-in-command flight time since May 1, 1949 in each make and model aircraft over 12,500 pounds for which the type rating is desired. This can be accomplished by mail providing the applicant forwards his valid pilot certificate, CAA Form ACA 355 properly executed and evidence of the required flight time to the local CAA Aviation Safety District Office.

After May 1, 1953 it will be necessary to take a flight test in order to have the type ratings added to pilot certificates for operating aircraft weighing more than 12,500 pounds.

The following action has been taken by the CAB on alleged violations of the Civil Air Regulations: Steven I. Kenney, Hardin, Montana paid a \$50.00 fine and 32.40 court costs for violation of the Sheridan County Airport Traffic pattern. Ernest N. Green, Jr., Casper, Wyoming paid a \$25.00 civil penalty for conducting a flight over the congested area of Mills, Wyoming below the minimum altitude specified in Civil Air Regulations. WYO AVN NEWSLETTER.

FRONTIER AIRLINES, INC. Salary Schedule

Officers: H. S. Darr, pres. & dir., \$24,000 salary, no bonus & indir., 3,300 shares common; C. A. Myhre, exec. v. p., treas. & dir., \$11,800 salary (up \$1,383.50), no bonus & indir., 160 shares common; R. M. Wilson, v. p. oper. & dir., \$10,900 salary (up \$900.16), no bonus & indir., 100,000 shares common; E. N. Lewis, secy. & dir., no salary, no bonus & indir., 163, 743 shares common; E. W. Sexton, Asst. treas. \$5,175 salary (up \$825), no bonus & indir., no shares; J. W. Wagner, asst secy., \$4,185 salary, no bonus & indir., no shares; L. P. Blatter, comptroller, \$4,200 salary, no bonus & indir., no shares. . . Am. Av. Daily.

HOT ITEMS!

One jet engine generates enough heat to warm 1,372 five-room houses . . .

Refrigeration units in a typical jet plane must be able to take a searing 600 degrees blast of air from the engine and deliver it to destination in a split second, at 20 degrees.

Plastic aircraft cockpit hoods begin to lose their shape at a speed of 800 m. p. h. at sea level. (Source—Planes) . . . So. Carolina Avn. Newsletter.

PILOTS WANTED BY WEST AFRICAN AIRWAYS

West African Airways Corp. is advertising for pilots on the following annual pay scales: first officers, \$4,395-\$4,920; junior captains, \$4,980-\$5,880; senior captains, \$6,030-\$7,185. Pilots and their families are provided with free accommodations in West Africa at Lagos, Accra or Kano. Applications should be made to WAAC, P. O. Box 136, Ikeja, Lagos, Nigeria. . . Am. Av. Daily.

AF TO 'FARM OUT' MORE MAINTENANCE, IRVINE SAYS

Plans for a large-scale expansion of Air Force maintenance contracts to private firms were disclosed today by Maj. Gen. Clarence S. Irvine, Deputy Commander for Production, Air Materiel Command. Speaking before the employees of Hayes Aircraft Co., Birmingham, Ala., on the occasion of the successful completion of "Project Hourglass," a modification contract, Irvine indicated that contracts to civilian maintenance firms would more than double during the next two fiscal years.

Irvine said that, at the present time, with the USAF at the 100-wing mark in its expansion program, about 21% of its depot maintenance is farmed out to private contractors. By fiscal year 1955, when the Air Force will attain its full strength of 143 wings, maintenance contracts will probably increase to about 43%, he said.

"The job is too big for existing Air Force maintenance facilities," Irvine stated. "Limitations on new government construction, as well as overall budget considerations, make it imperative that a large portion of our maintenance workload be farmed out to private contractors."

The advantages of contract maintenance are twofold, Irvine said. It gets the necessary work done without costly additional facility expenditures on the part of the Air Force and it will be an important factor in stabilizing the aircraft industry when procurement of new material drops off as the authorized goals are neared. . . Am. Av. Daily



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News Letter

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